

# Work Order ID 86140

**\*86140\***

Page 1

June-21-12 8:38:15 AM

Item ID: D3913-3

Accept

**\*N900040100\***

Setup Start **\*NS1\***

Revision ID:

Stop **\*NS2\***

Item Name: Rib

Start Date: 28/06/2012 Start Qty: 4.00

**\*4\***

Cust Item ID:

Required Date: 05/07/2012 Req'd Qty: 4.00

**\*4\***

Customer:

Reference:

Approvals: Process Plan: MLS

Date: 12/06/21 Tooling:

Date:

Run Start **\*NR1\***

QC:

Date:

SPC (Y/N):

Date:

Stop **\*NR2\***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr

Revision Nbr

D3913

A

100

0.00

**\*100\***

Large Fab

Memo

0.00

Large Fab

1- Cut tube as per dwg D3913  
2- remove identification marks and deburr

8 SAD 12-06-26

110

QC6- Inspect dimensions to drawing

0.00

**\*110\***

QC

Memo

0.00

Quality Control

Pl 12.06.27

120

Identify as per dwg & Stock Location: WA

0.00

**\*120\***

Packaging

Memo

0.00

Packaging

Pl 12.06.27

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

**Work Order ID 86140**

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**\*86140\***

Page 2

Item ID: D3913-3

Accept

**\*N900040100\***Setup Start **\*NS1\***

Revision ID:

Item Name: Rib

Stop **\*NS2\***

Start Date: 28/06/2012 Start Qty: 4.00

**\*4\***

Cust Item ID:

Required Date: 05/07/2012 Req'd Qty: 4.00

**\*4\***

Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start **\*NR1\***

QC:

Date:

SPC (Y/N):

Date:

Stop **\*NR2\***Sequence ID/  
Work Center IDOperation  
DescriptionSet Up/  
Run Hours

Tool ID

Tool #

Plan  
CodeAccept  
QtyReject  
QtyReject  
NumberInsp.  
Stamp

130

QC21- Final Inspection - Work Order Release

0.00

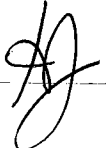
**\*130\***

QC

Memo

0.00

Quality Control

12/6/27 

11206-27

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

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			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

# Picklist Print

June-21-12 8:38:19 AM

Page 1

Work Order ID: 86140

\*86140\*

Parent Item: D3913-3

\*D3913-3\*

Parent Item Name: Rib

Start Date: 28/06/2012

Required Date: 05/07/2012

Start Qty: 4.00

Required Qty: 4.00

Comments: IPP Rev:A new issue DD 10.03.19 verified by:EC

IPP Rev:B

11.02.04 chg qc5 to 6 DD ver:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
M304TS0.750W.049		Purchased	No			100	f	64.9690	8	33.68421			

\*M304TS0 750W 049\*

\*\*

304 SQ Tube .75x.75x.049W

SAD 12.06.27

Location	Loc Qty	Loc Code
MAT017	41.764837	
121898	41.764837	
MAT018	22.14169585	
119147	2	
119643	3.30639585	
121439	16.8353	
WA034	1.0625	
121087	1.0625	

M121001

67.3685

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

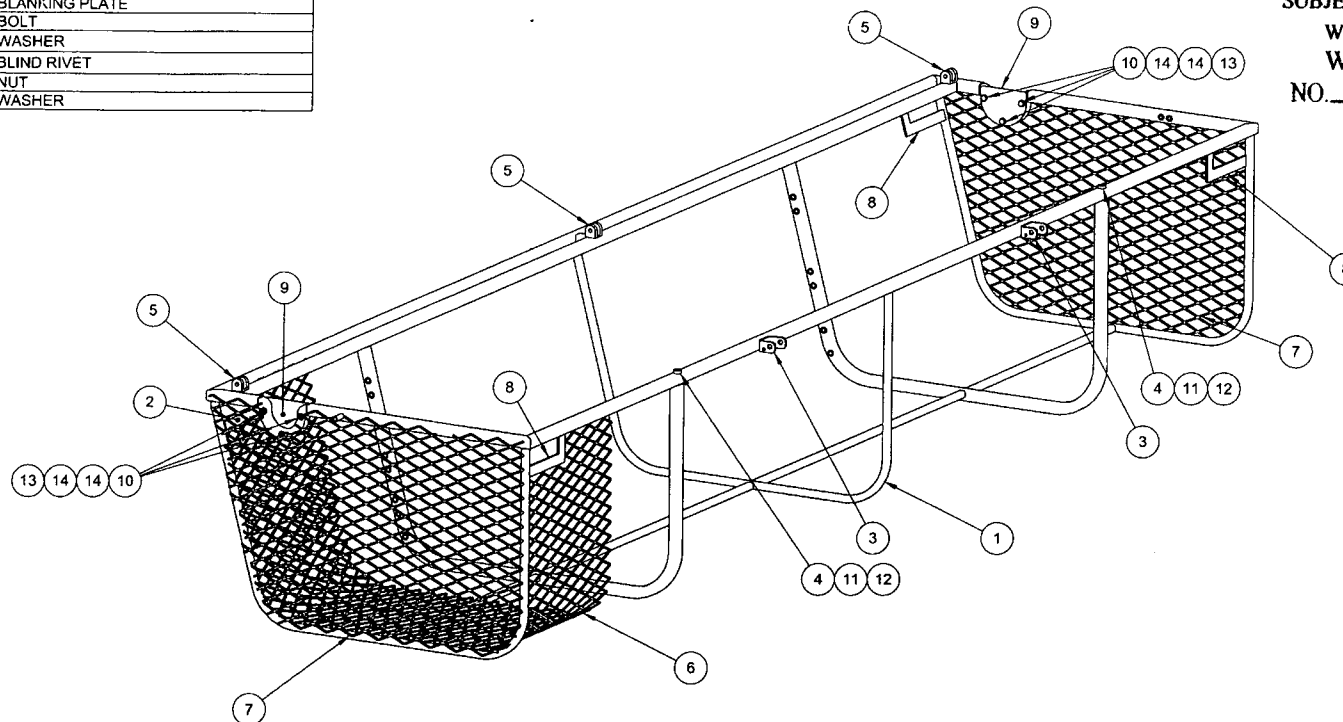
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Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

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**NOTE:** Date & initial all entries

ITEM	QTY	P/N	DESCRIPTION
	X	D3913-041	LONG BASKET BASE ASSY (350)
1	1	D3913-101	TUBULAR ASSY (350 SHORT BASKET)
2	1	D3913-15	WIDE HANDLE PLATE
3	2	D2581	MOUNTING BRACKET
4	2	D2931	BUMPER
5	3	D4016-1	HINGE HALF, BASE
6	1	D4020-1	MESH (350 BASKET LONG BASE)
7	2	D4020-11	END MESH, BASKET
8	3	D4021-1	HANDLE PLATE
9	2	D4021-5	BLANKING PLATE
10	6	AN3-10A	BOLT
11	2	AN960JD8	WASHER
12	2	MS20600AD4W3	BLIND RIVET
13	6	MS21042L3	NUT
14	12	NAS1149F0332P	WASHER



**D3913-041 LONG BASKET BASE ASSY (350)**  
(MESH SHOWN LOCALLY FOR CLARITY)

**NOTES:**

- 1) MATERIAL: N/A
- 2) FINISH: POWDER COAT WHITE (4.3.5.2) PER DART QSI 005 4.3
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: 43.3 lbs APPROX
- 8) INSTALL AFTER FINISH
- 9) MASK HOLES PRIOR TO POWDER COAT
- 10) WELD PER DART QSI 004

SHOP COPY  
RETURN TO  
ENGINEERING  
UNCONTROLLED COPY  
SUBJECT TO AMENDMENT  
WITHOUT NOTICE  
WORK ORDER  
NO. 86140 MJS

12/06/21

**RELEASED**  
2010-03-22

REV.	NEW ISSUE	JPH	10.03.16
DESIGN	AJS	BY	DATE
DRAWN	JPH		
CHECKED			
MFG. APPR.			
APPROVED			
DE APPR.			
DATE	10.03.16		

**DART AEROSPACE LTD**  
HAWKESBURY, ONTARIO, CANADA

DRAWING NO. **D3913** REV. A  
SHEET 1 OF 6  
TITLE **LONG BASKET BASE ASSY (350) NTS** SCALE

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DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

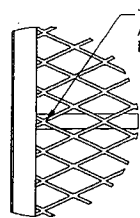
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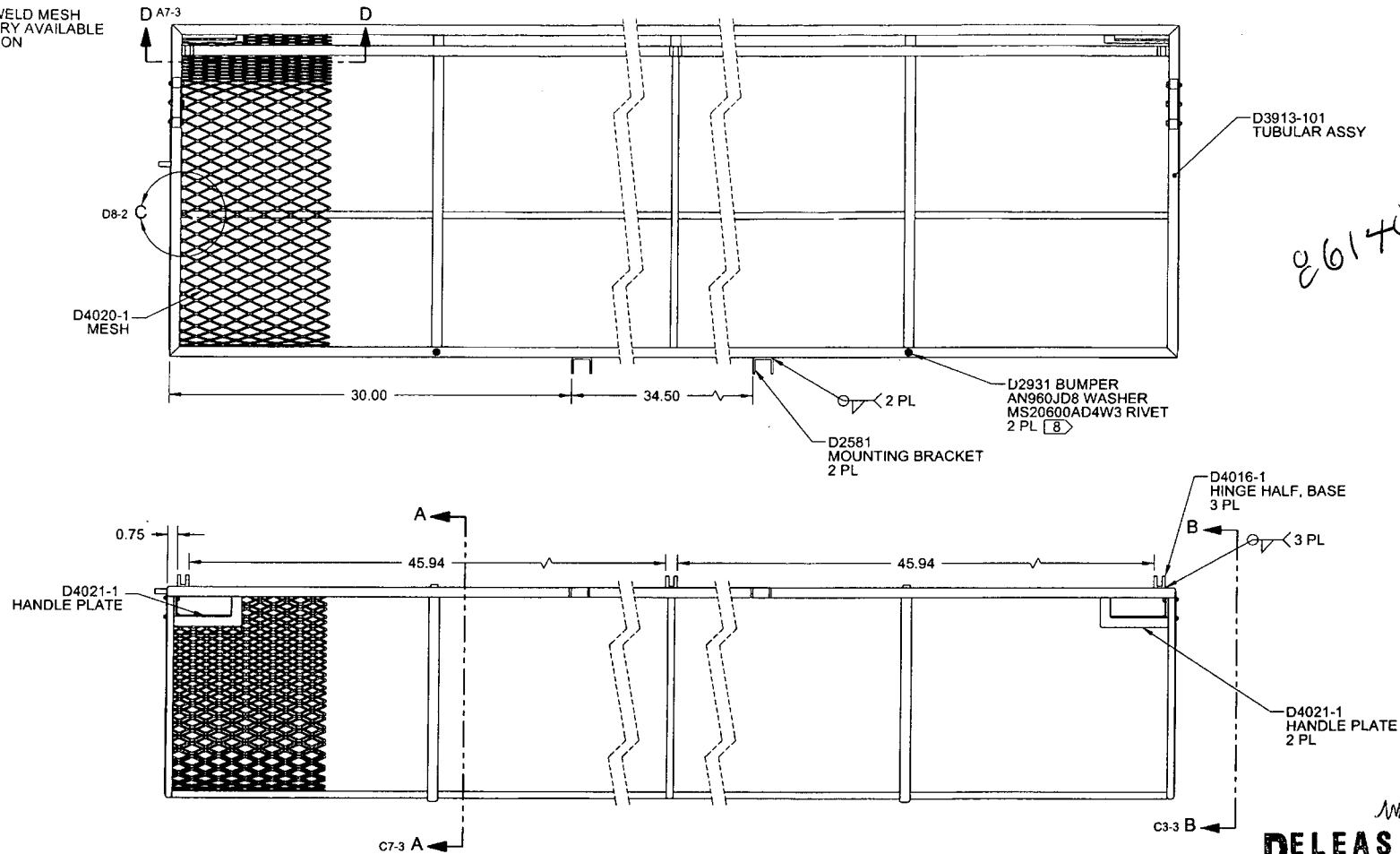
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DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries





**DETAIL C** D7-2



**D3913-041 LONG BASKET BASE ASSY (350)**  
(MESH SHOWN LOCALLY FOR CLARITY)

**RELEASED**  
2010-07-27

DESIGN	AJS	<b>DART AEROSPACE LTD</b>	
DRAWN	JFH	HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. A
MFG. APPR.		D3913	SHEET 2 OF 6
APPROVED		TITLE	SCALE
DE APPR.		LONG BASKET BASE ASSY (350)	NTS
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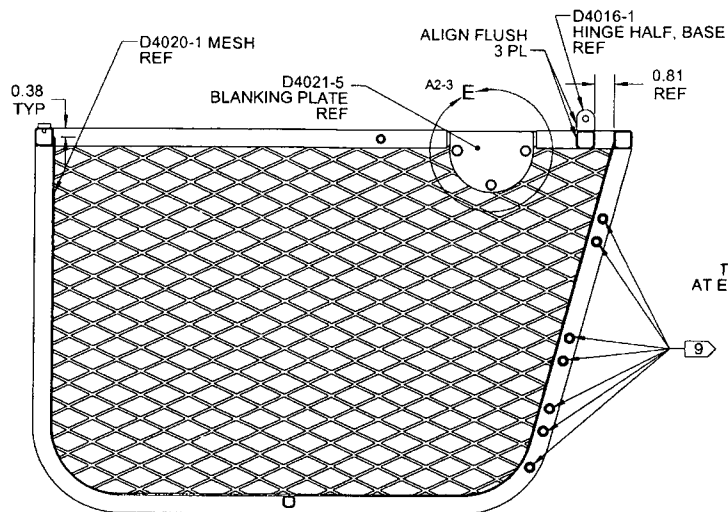
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DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

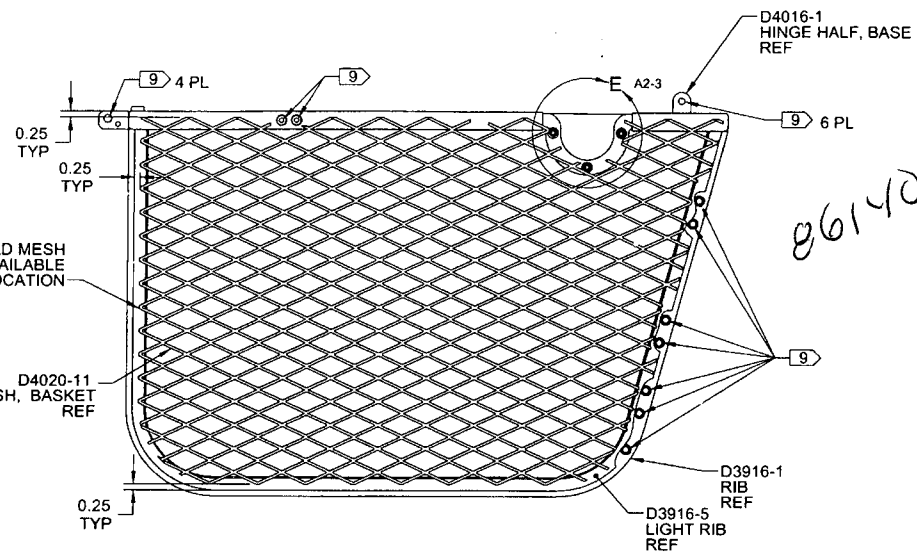
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			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

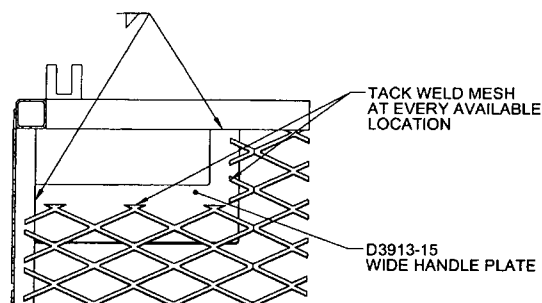
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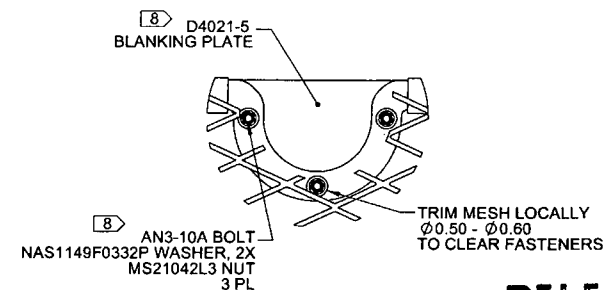
**SECTION A-A** A5-2



**VIEW B-B** A2-2



**SECTION D-D** D7-2  
TYPICAL FOR ALL  
HANDLE PLATES



**DETAIL E** D2-3  
D6-3

DESIGN	AJS	<b>DART AEROSPACE LTD</b>
DRAWN	JFH	HAWKESBURY, ONTARIO, CANADA
CHECKED		DRAWING NO. <b>D3913</b>
MFG. APPR.		REV. A
APPROVED		SHEET 3 OF 6
DE APPR.		SCALE
DATE	10.03.16	<b>LONG BASKET BASE ASSY (350) NTS</b>

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2010-03-22

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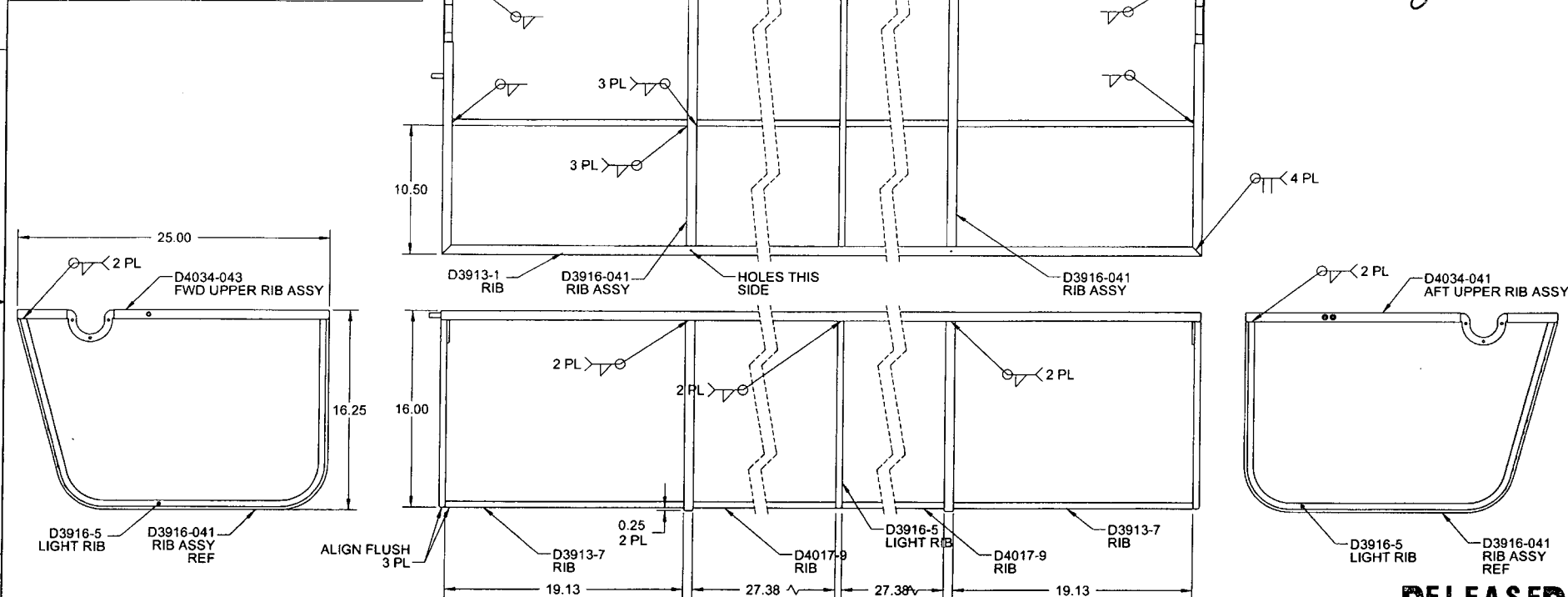
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**NOTE:** Date & initial all entries

ITEM	QTY	P/N	DESCRIPTION
	X	D3913-101	TUBULAR ASSY (350 LONG BASKET)
1	1	D3913-1	RIB
2	1	D3913-3	RIB
3	2	D3913-7	RIB
4	1	D3913-9	HINGE RIB
5	3	D3916-5	LIGHT RIB
6	2	D3916-041	RIB ASSY
7	1	D4017-7	RIB
8	2	D4017-9	RIB
9	1	D4034-041	AFT UPPER RIB ASSY
10	1	D4034-043	FWD UPPER RIB ASSY



8 D3913-101 TUBULAR ASSY (350 SHORT BASKET)

- NOTES:
- 1) MATERIAL: N/A
  - 2) FINISH: NONE
  - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
  - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
  - 6) IDENTIFICATION: N/A
  - 7) WEIGHT: 22.53 lbs
  - 8) TOLERANCE FOR XX.XX DIMENSIONS  $\pm 0.06$  FOR D3913-101
  - 9) WELD PER DART QSI 004

DESIGN	AJS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	JPH		
CHECKED	A	DRAWING NO.	REV. A
MFG. APPR.		D3913	SHEET 4 OF 6
APPROVED		TITLE	SCALE
DE APPR.		LONG BASKET BASE ASSY (350)	NTS
DATE	10.03.16	COPYRIGHT © 2010 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

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2010-03-22

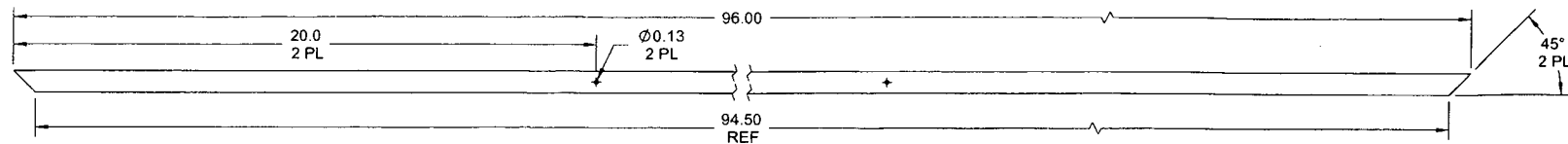
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Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

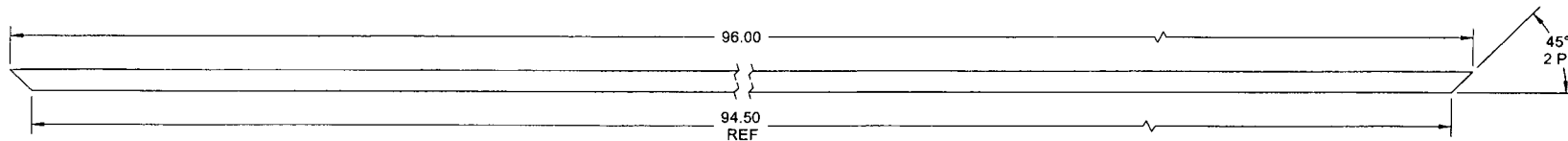
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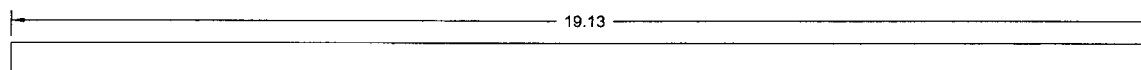


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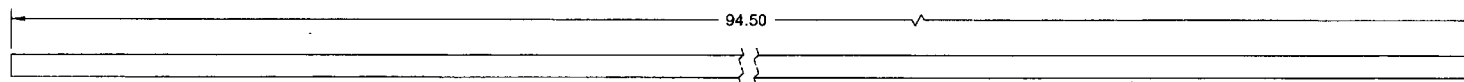
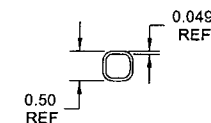


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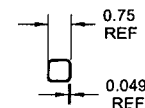
86140



**D3913-7 RIB**



**D3913-9 HINGE RIB**



**NOTES:**

1) MATERIAL -1, -3, -9: AISI 304/316 STAINLESS STEEL SQUARE TUBE, 0.75 X 0.75 X 0.049 WALL  
REF DART SPEC. M304TS0.750W.049

-7: AISI 304/316 STAINLESS STEEL SQUARE TUBE, 0.50 X 0.50 X 0.049 WALL  
REF DART SPEC. M304TS0.500W.049

2) FINISH: NONE

3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED

4) UNITS: INCHES UNLESS OTHERWISE NOTED

5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX

6) IDENTIFICATION: N/A

7) WEIGHT: SEE ASSEMBLED WEIGHTS

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2010-03-22

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DRAWN	JPH		
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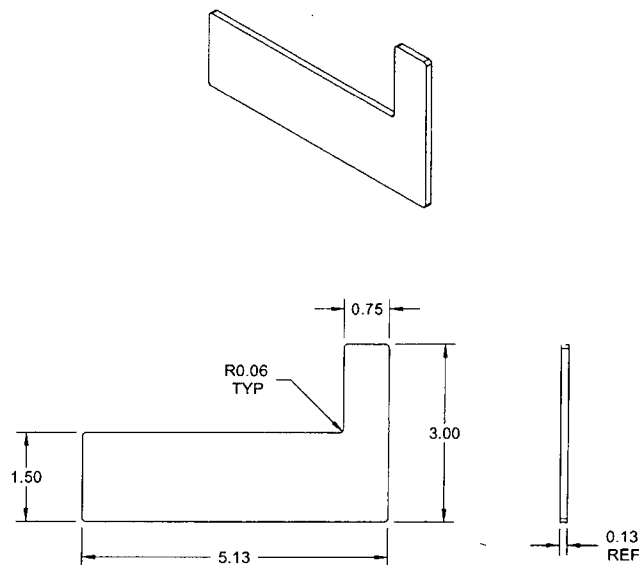
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**D3913-15 WIDE HANDLE PLATE**

**NOTES:**

- 1) MATERIAL: 304/316 STAINLESS STEEL SHEET ANNEALED 2B FINISH,  
PER MIL-S-5059 OR AMS 5513/5524 OR ASTM A240 OR ASME SA240  
REF DART SPEC M304S11GA
- 2) FINISH : NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.31 lbs

DESIGN	AJS	<b>DART AEROSPACE LTD</b>	
DRAWN	JRH	HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. A
MFG. APPR.		D3913	SHEET 6 OF 6
APPROVED		TITLE	SCALE
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2010-03-22  
JWP

86140

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